PTO/SB/05 (05-03)
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· · · · · ·	Attorney Docket No. LA-7196-113XX						
UTILITY		nventor Chih-Wei CHEN					
PATENT APPLICATION TRANSMITTAL	Title	MULTI-VOLUME DISK ARRAY MANAGEMENT METHOD AND SYSTEM					
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	ss Mail Label No. EV323474475US					
APPLICATION ELEMENTS		MS Patent Application Commissioner for Patents					
See MPEP chapter 600 concerning utility patent application co	ntents.	P.O. Box 1450 Alexandria, VA 22313-1450					
		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATIONS PARTS  9. X Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement Power of (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is calimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
18. If a CONTINUING APPLICATION, check appropriate box, following the title, or in an Application Data Sheet under 37 CF	R 1.76:	bly the requisite information below and in the first sentence of the specification					
Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS							
X Customer Number or Bar Code Label	(	000167 or Correspondence address below					
Name							
Address							
	ate	Zip Code					
	elephone	Fax					
Name (Print/Type) M. John Carson Signature	1	Registration No. (Attorney/Agent)   25,090  Date   July 11, 2003					
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323474475US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  Dated: July 11, 2003 Signature: (Melinda E. Hallmark)							

PTO/SB/17 (05-03)

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	1100		-	IGOUL.	Complete if Known			
FEE TRANSMITTAL	!	Appli	cation	Numb	111111111			
for FY 2003	!		Date		July 11, 2003			
Effective 01/01/2003, Patent fees are subject to annual revision.	!			d Inver	0.			
CHECKIVE O HO H 2000, Falchi 1000 and dayou to dimediate		Exam	niner N	ame_	Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27	_!	Art Ur			N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorr	ney Do	cket No	lo. LA-7196-113XX			
METHOD OF PAYMENT (check all that apply)				FEE	E CALCULATION (continued)			
Check Credit Money Order Other None	e 3. ADDITIONAL FEES							
X Deposit Account								
Deposit 50_0337	Large Fee	e Entity Fee	Small Fee	l Entity Fee	-			
Account Number 50-0337	Code		Code		Fee Description Fee Paid			
Deposit Account Horse	1051	130	2051	65	Surcharge – late filing fee or oath			
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	\			
Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
Charge fee(s) indicated below, except for the filling fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Postunation publication of CID offer			
FEE CALCULATION	1251		2251	55	Extension for reply within first month			
1. BASIC FILING FEE	1252		2252	205				
Large Entity   Small Entity   Fee   Fee	1253		2253	465	Extension for reply within third month			
Code (\$) Code (\$)	1254		2254	725	.,			
1001 750 2001 375 Utility filing fee 750.00	1255		2255	985				
1002 330 2002 165 Design filing fee 1003 520 2003 260 Plant filing fee	1401		2401	160 160	Notice of Appeal			
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee	1402		2402	160 140	Filing a brief in support of an appeal  Request for oral hearing			
1004 730 2004 373 Reisste liling fee	1403		1451		Petition to institute a public use proceeding			
	1452		2452	55	Petition to revive – unavoidable			
SUBTOTAL (1) (\$) 750.00	1453		2453	650				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)			
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issue fee			
Total Claims 10 -20** = x = 0.00	1503	630	2503	315	Plant issue fee			
Independent 2 -3** =	1460	130	1460	130	Petitions to the Commissioner			
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection			
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be			
1203 280 2203 140 Multiple dependent claim, if not paid	1810		2810	375	examined (37CFR 1.129(b))			
1204 84 2204 42 ** Reissue independent claims over original patent	1801	1	2801		Request for Continued Examination (RCE) Request for expedited examination			
1205 18 2205 9 ** Reissue claims In excess of 20 and over original patent	1802 Othor	1	1802	900	of a design application			
SUBTOTAL (2) (\$) 0.00	1	fee (spec luced by E	• •	" Fee	- 0-14 CURTOTAL (2) (C)			
**or number previously paid, if greater; For Reissues, see above	Reut	Iceu by L	38510	ling rec	e Paid SUBTOTAL (3) (\$)			
SUBMITTED BY					Complete (if applicable)			
Name (Print/Type) M. John Carson		tration No ney/Agent)		,090	Telephone (213) 892-9225			
Signature M		1	1	~	Date July 11, 2003			
	<del></del>							
	Fee T	ransmit	ttal		10/4/1			
I hereby certify that this correspondence is being deposited an envelope addressed to: MS Patent Application, Commig	with the	ne U.S. F	Postal :	Service	e as Express Mail, Airbill No. EV323474475US, in			
shown below.	11	7	,	.U. 50,	X 1450, Alexandria, VA 22515-1450, On the date			
Dated: July 11, 2003 Signature: //	Dated: July 11, 2003 Signature: Manual Manual (Melinda E. Hallmark)							